

Application No. 09/665442
Amendment dated June 20, 2006
Reply to Office Action of January 20, 2006

Docket No.: 014030.0129C1US

AMENDMENTS TO THE CLAIMS

1.-46. (Cancelled)

47. (Currently Amended) A system for monitoring a physiological condition of a individual using a computer network, comprising:

(a) a ~~first~~ central processing unit having access to one or more databases and performing operations according to monitoring application programming, including

(i) programming code for generating a script program for collecting measuring device measurement data relating to the physiological condition of the individual, and

(ii) further programming code for assigning the script program to the individual;

(b) a remote processing apparatus for signal connecting with a measuring device and receiving data corresponding to measurements of at least one parameter indicative of the physiological condition of the individual, and for signal connecting with the ~~first~~ central processing unit for transmitting data corresponding to the measurements to the ~~first~~ central processing unit according to instructions contained in the script program including a transmit command for transmitting the data to the ~~first~~ central processing unit; and

(c) a workstation for connecting to the ~~first~~ central processing unit and receiving data corresponding to the measurements so that a health care provider may review a report generated based on the collected data, and

(d) wherein the script program comprises a command for collecting said measuring device measurement data relating to said physiological condition of said individual, and wherein the script program further comprises said transmit command for transmitting said data to said central processing unit.

48. (Previously Presented) The system of claim 47, the physiological condition including diabetes, the measuring device including a blood glucose measurement device, and the monitoring device measurement data including blood glucose data.

49. (Currently Amended) The system of claim 48, the workstation further comprising script entry programming for permitting input by the health care provider that is communicated to the ~~first~~ central processing unit based on which the first processing unit generates and assigns to the individual the script program.

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50. (Previously Presented) The system of claim 49, the script programming including a collect command for collecting the blood glucose measurements from the measuring device.

51. (Currently Amended) The system of claim 48, the monitoring application programming further providing instructions for the ~~first~~ central processing unit to generate said report based on the collected blood glucose data.

52. (Previously Presented) The system of claim 48, the remote processing apparatus further including a script interpreter for executing the script program.

53. (Previously Presented) The system of claim 48, the generating and assigning of the script program including appending a unique patient identification code to the script program for the individual.

54. (Currently Amended) The system of claim 48, the monitoring application programming further instructing the ~~first~~ central processing unit to store the script program in a database, the assignment of the script program including generating a pointer to the script program for the individual for storing in a look-up table associated with the database.

55. (Previously Presented) The system of claim 47, the script program including queries and response choices for the individual.

56. (Currently Amended) The system of claim 55, the remote apparatus including input means for the individual to input responses to the queries to be communicated to the ~~first~~ central processing unit for review by the health care provider.

57. (Previously Presented) The system of claim 48, the remote apparatus being sufficiently compact to be hand-held and carried by the individual.

58. (Previously Presented) The system of claim 48, the report including a graph of several blood glucose data measurements.

59. (Currently Amended) A system for monitoring a physiological condition of an individual using a computer network, comprising:

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- (a) a ~~first~~ central processing unit having access to one or more databases and performing operations according to monitoring application programming, including
- (i) programming code for generating a script program for collecting measuring device measurement data relating to the physiological condition of the individual, and
 - (ii) further programming code for assigning the script program to the individual;
- (b) a remote processing apparatus for signal connecting with a measuring device and receiving data corresponding to measurements of at least one parameter indicative of the physiological condition of the individual according to instructions contained in the script program including a collect command for collecting the blood glucose measurements from the measuring device, and for signal connecting with the ~~first~~ central processing unit; and
- (c) a workstation for connecting to the ~~first~~ central processing unit and receiving data corresponding to the measurements so that a health care provider may review a report generated based on the collected data, and
- (d) wherein the script program comprises a command for collecting said measuring device measurement data relating to said physiological condition of said individual.

60. (Previously Presented) The system of claim 59, the physiological condition including diabetes, the measuring device including a blood glucose measurement device, and the measuring device measurement data including blood glucose data.

61. (Currently Amended) The system of claim 60, the workstation further comprising script entry programming for permitting input by the health care provider that is communicated to the ~~first~~ central processing unit based on which the ~~first~~ central processing unit generates and assigns to the individual the script program.

62. (Previously Presented) The system of claim 60, the monitoring application programming further providing instructions for the first processing unit to generate said report based on the collected blood glucose data.

63.-76. (Cancelled)

77. (Currently Amended) A method of monitoring a physiological condition of an individual using a computer network at least including a ~~first~~ central processing apparatus and a remote processing apparatus, the first processing unit having a script program stored therein including

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instructions permitting measuring device measurement data to be received from the remote apparatus, the remote apparatus for receiving the measurement data from a signal coupling with a measuring device that measures at least one parameter indicative of the physiological condition, the method including:

- storing a script assignment for associating the script program with the individual;
- connecting the first processing unit with the remote apparatus;
- executing the script program including a measuring device measurement data transmit command; and
- transmitting measuring device measurement data from the remote processing apparatus to the ~~first central~~ processing unit upon execution of the transmit command of the script program, and wherein the script program comprises said transmit command for transmitting said data to said central processing unit.

78. (Previously Presented) The method of claim 77, the physiological condition including diabetes, the measuring device including a blood glucose measurement device, and the monitoring device measurement data including blood glucose data.

79. (Previously Presented) The method of claim 78, further including generating a report based upon the collected blood glucose measurement data.

80. (Currently Amended) The method of claim 79, further including transmitting the report to a workstation connected with the ~~first central~~ processing unit.

81. (Previously Presented) The method of claim 80, the report including a graph including several blood glucose data measurements.

82. (Currently Amended) The method of claim 78, further including collecting measuring device measurement data by the remote processing apparatus from the measuring device according to a collect command of one or more script programs received from the ~~first central~~ processing apparatus unit.

83. (Previously Presented) The method of claim 82, further including prompting for device connection to the remote processing apparatus; and connecting the remote processing apparatus to interface with the blood glucose measurement device.

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84. (Currently Amended) A method of monitoring a physiological condition of an individual using a computer network at least including a first central processing apparatus unit and a remote processing apparatus, the first central processing unit having a script program stored therein including instructions permitting measuring device measurement data to be received from the remote processing apparatus, the remote apparatus for receiving the measurement data from a signal coupling with a measuring device that measures at least one parameter indicative of the physiological condition, the method including:

collecting device measurement data by the remote processing apparatus from the measuring device according to a collect command of one or more script programs received from the first central processing apparatus unit;

connecting the remote processing apparatus to interface with the first central processing apparatus unit; and

transmitting the device measurement data from the remote processing apparatus to the first central processing unit; and

wherein the one or more script programs comprise said collect command for collecting said measuring device data from said measuring device.

85. (Previously Presented) The method of claim 84, the physiological condition including diabetes, the measuring device including a blood glucose measurement device, and the measuring device measurement data including blood glucose data.

86. (Previously Presented) The method of claim 85, further including generating a report based upon the collected blood glucose measurement data.

87. (Currently Amended) The method of claim 86, further including transmitting the report to a workstation connected with the first central processing unit.

88. (Previously Presented) The method of claim 87, the report including a graph including several blood glucose data measurements.

89. (Previously Presented) The method of claim 85, further including prompting for device connection to the remote processing apparatus; and connecting the remote processing apparatus to interface with the blood glucose measurement device.

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90. (Currently Amended) The method of claim 85, said transmitting of the blood glucose data from the remote apparatus to the first central processing unit being according to a transmit command of the one or more script programs stored for access by the first central processing apparatus unit.

91. (Currently Amended) One or more processor readable storage devices having processor readable code embodied thereon, said processor readable code for programming one or more processors to perform a method of monitoring a physiological condition of an individual using a computer network at least including a first central processing apparatus unit and a remote processing apparatus, the first central processing unit having access to a script program stored within the one or more storage devices including instructions permitting measuring device measurement data to be received from the remote processing apparatus, the remote apparatus for receiving the measurement data from a signal coupling with a measuring device that measures at least one parameter indicative of the physiological condition, the method including:

storing a script assignment for associating the script program with the individual;
connecting the first processing unit with the remote apparatus;
executing the script program including a measuring device measurement data transmit

command; and

transmitting measuring device measurement data from the remote apparatus to the first central processing unit upon execution of the transmit command of the script program, and wherein the script program comprises said transmit command for transmitting said data to said central processing unit.

92. (Previously Presented) The one or more storage devices of claim 91, the physiological condition including diabetes, the measuring device including a blood glucose measurement device, and the measuring device measurement data including blood glucose data.

93. (Previously Presented) The one or more storage devices of claim 92, the method further including generating a report based upon the collected blood glucose measurement data.

94. (Currently Amended) The one or more storage devices of claim 93, the method further including transmitting the report to a workstation connected with the first central processing unit.

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95. (Previously Presented) The one or more storage devices of claim 94, the report including a graph including several blood glucose data measurements.

96. (Currently Amended) The one or more storage devices of claim 92, the method further including collecting device measurement data by the remote apparatus from the measuring device according to a collect command of one or more script programs received from the ~~first central~~ processing ~~apparatus~~ unit.

97. (Previously Presented) The one or more storage devices of claim 96, the method further including prompting for device connection to the remote processing apparatus; and connecting the remote processing apparatus to interface with the blood glucose measurement device.

98. (Currently Amended) One or more processor readable storage devices having processor readable code embodied thereon, said processor readable code for programming one or more processors to perform a method of monitoring a physiological condition of an individual using a computer network at least including a ~~first central~~ processing ~~apparatus~~ unit and a remote processing apparatus, the ~~first central~~ processing unit having access to a script program stored in the one or more storage devices including instructions permitting measuring device measurement data to be received from the remote processing apparatus, the remote apparatus for receiving the measurement data from a signal coupling with a measuring device that measures at least one parameter indicative of the physiological condition, the method including:

collecting device measurement data by the remote processing apparatus from the measuring device according to a collect command of one or more script programs received from the ~~first central~~ processing ~~apparatus~~ unit;

connecting the remote processing apparatus to interface with the ~~first central~~ processing ~~apparatus~~ unit; and

transmitting the device measurement data from the remote processing apparatus the ~~first central~~ processing unit, and

wherein the one or more script programs comprise said collect command for collecting said measuring device measurement data from said measuring device.

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99. (Previously Presented) The one or more storage devices of claim 98, the physiological condition including diabetes, the measuring device including a blood glucose measurement device, and the measuring device measurement data including blood glucose data.
100. (Previously Presented) The one or more storage devices of claim 99, the method further including generating a report based upon the collected blood glucose measurement data.
101. (Currently Amended) The one or more storage devices of claim 100, the method further including transmitting the report to a workstation connected with the ~~first central~~ processing unit.
102. (Previously Presented) The one or more storage devices of claim 101, the report including a graph including several blood glucose data measurements.
103. (Previously Presented) The one or more storage devices of claim 99, the method further including prompting for device connection to the remote processing apparatus; and connecting the remote processing apparatus to interface with the blood glucose measurement device.
104. (Currently Amended) The one or more storage devices of claim 99, said transmitting of the device measurement data from the remote processing apparatus to the first processing unit being according to a transmit command of the one or more script programs stored for access by the central first processing unit apparatus.

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